## ABSTRACT OF THE DISCLOSURE

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2	A lamp house is located face to face with a substrate which is
3	transferred by a conveyer means. A dielectric barrier discharge lamp is
4	provided in the lamp house to irradiate the substrate with ultraviolet light,
5	while a moistened inert gas, consisting of an inert gas and water vapor, is
6	supplied to a space between the substrate and the dielectric barrier discharge
7	lamp from a moistened inert gas generating means. Under irradiation of
8	ultraviolet light from the dielectric barrier discharge lamp, water vapor in the
9	moistened inert gas is split into a reducing active member $\ [H\cdot]$ and an
0	oxidative active member [·OH].